

Applicant: Jay M. Short  
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**In the Claims**

Please enter claims 32 and 44-47 rewritten as follows:

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32. (Twice Amended) A method for identifying a bioactivity or biomolecule of interest comprising:

32 a) culturing a gene expression library comprising a pool of expression constructs, each expression construct comprising a vector containing one or more cDNA or genomic DNA fragments, wherein the cDNA or genomic DNA fragments in the pool of expression constructs are derived from a plurality of species of donor organisms; and

b) identifying a vector containing an expression construct that produces the bioactivity or biomolecule of interest encoded by the cDNA or genomic DNA fragments in the library.

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44. (Twice Amended) The method of claim 32 which comprises the step of amplifying [the copy number of] the cDNA or genomic DNA fragments.

33 45. (Twice Amended) The method of claim 44 wherein the step of amplifying the DNA precedes the identifying step.

46. (Twice Amended) The method of claim 45 wherein the identifying step precedes the amplifying step.